

**AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

Claims 1-74. (Canceled)

75. (Currently Amended) A B-cell line which is adapted for a serum free culture and in which the EBNA-1 gene of Epstein-Barr virus is expressed, wherein a DNA construct comprising a DNA encoding a~~The cell line according to claim 68, wherein the~~  
chimeric  $G\alpha$  protein is integrated into a chromosomal DNA, wherein the chimeric  $G\alpha$  protein is at least one chimeric  $G\alpha$  protein selected from the group consisting of the  
~~following~~ (1) to (20):

(1) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_q$ ;

(2) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_i$ ;

(3) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_o$ ;

(4) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_z$ ;

(5) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_{12}$ ;

(6) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_{13}$ ;

(7) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_{gust}$ ;

(8) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_t$ ;

(9) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_{14}$ ;

(10) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_{16}$ ;

(11) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_s$ ;

(12) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_i$ ;

(13) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_o$ ;

(14) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_z$ ;

(15) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_{12}$ ;

(16) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_{13}$ ;

(17) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_{gust}$ ;

(18) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_t$ ;

(19) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_{14}$ ; and

(20) chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_q$  are substituted with C-terminal 5 amino acids of  $G\alpha_{16}$ .

Claim 76. (Canceled)

77. (Currently Amended) A B-cell line which is adapted for serum-free culture and in which the EBNA-1 gene of Epstein-Barr virus is expressed, where a DNA construct comprising a DNA encoding  $G\alpha$  protein of a chimeric  $G\alpha$  protein is integrated into a chromosomal DNA, where at least one of the following (1) and (2) is integrated into the chromosomal DNA:

(1) DNA construct comprising a DNA encoding a transcription factor necessary for construction of an inducible expression system; and

(2) DNA construct where a reporter gene is ligated at the downstream area of a promoter having a responsive element of a transcription factor;

~~The cell line according to claim 68,~~ wherein the transcription factor necessary for construction of the inducible expression system is a chimeric protein of a ligand binding domain of estrogen receptor and yeast Gal4p, the promoter having a responsive element of the transcription factor is a promoter having a cAMP responsive element

(CRE), the reporter gene is firefly luciferase gene or *Renilla reniformis* luciferase gene and the chimeric  $G\alpha$  protein is a chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_q$  or a chimeric  $G\alpha$  protein where C-terminal 5 amino acids of  $G\alpha_s$  are substituted with C-terminal 5 amino acids of  $G\alpha_i$ .

Claims 78-108. (Canceled)

109. (new) A B-cell line according to claim 75, wherein at least one of the following (1) and (2) is integrated into the chromosomal DNA:

(1) a DNA construct comprising a DNA encoding a transcription factor necessary for construction of an inducible expression system; and

(2) a DNA construct where a reporter gene is ligated at the downstream area of a promoter having a responsive element of a transcription factor.